

AUDIOMETRIC DEVICE AND ASSOCIATED SCREENING METHOD

ABSTRACT

5 An audiometric apparatus comprising stimulus generating means for transmitting
at least one true random stimulus sequence to a subject's inner ear, and sampling means
for detecting the response signal returned from the subject's inner ear in response to the
stimulus sequence, the response signal having at least a first waveform, the sampling
means including waveform reconstruction means for reconstructing the first waveform, the
10 reconstruction means including means for applying a plurality of true random frequencies
to the response signal.